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United States
Department of
Agriculture

Agricultural Marketing Service

Volume 16, Index January - December 1988

#### Plant Variety Protection Office Official Journal



#### **PREFACE**

The Plant Variety Protection Act (7 U.S.C. 2321 et seq.) authorizes the Secretary of Agriculture to publish an Official Journal to provide the public with information relating to the operations of the Plant Variety Protection Office. The statute also authorizes the Secretary to disseminate technological and other information that encourages innovation and progress in plant breeding.

The Official Journal, published quarterly, is available from:

Plant Variety Protection Office Agricultural Marketing Service U. S. Department of Agriculture Rm. 500, NAL Bldg. 10301 Baltimore Blvd. Beltsville, Maryland 20705

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Conounal Information	

Applications for protection have been filed for the following varieties. Each application has been assigned an application number and is being examined to determine whether the variety is entitled to a certificate of protection. Seed of these varieties may be labeled "Unauthorized Propagation Prohibited - U.S. Variety Protection Applied For."

APPL. VA	ALFALFA 8800119 York	BARLEY 8500216 WestBre	8500219 Poco II		8600081 B1202				8600112 Corniche	
VARIETY		WestBred Barcott		ight					ie ie	le le
GEN. (*)		(*)		(3)	(3)	(3)	(3)	(3)	(3)	(3)
NAME OF APPLICANT	Plant Genetics, Inc.	Western Plant Breeders, Inc.	Wilbur-Ellis Company - Desert Division	Plant Breeders 1, Inc.	Busch Agricultural Resources, Inc.	Hurst Gunson Cooper Taber, Ltd.	Hurst Gunson Cooper Taber, Ltd.			

(\*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

NO.	inued)	(*) (*)	NAME OF APPLICANT
8700053	Semira Fiesta	(2)	Western Ab Western Breeders, Inc.
8800041	8/00160 Camelot 8800041 Pennco	(3)	Panic Agrissed Pennsylvania Agricultural Experiment Station and USDA-ARS
8800060 8800061	B1203 B1603	(3)	Busch Agricultural Resources, Inc. Busch Agricultural Resources, Inc.
8800084 8800236	WestBred Waxbar WestBred Sprinter	**	Western Plant Breeders, Inc. Western Plant Breeders, Inc.
BEAN, FIELD 8800115	Bill Z	(3)	Colorado State University
BEAN, GARDEN 8600049 8600050 8600052	Earliserve Landmark Venture		Musser Seed Co. Musser Seed Co. Rogers Brothers Seed Company

(\*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

																	Inc.
NAME OF APPLICANT	( ) Loop 3 10 11 11 11 11 11 11 11 11 11 11 11 11	dallatin Valley Seed Co. Asgrow Seed Company	Asgrow Seed Company	Ferry-Morse Seed Company	Ferry-Morse Seed Company	Gallatin Valley Seed Co.	Gallatin Valley Seed Co.	Ferry-Morse Seed Company	Ferry-Morse Seed Company	Ferry-Morse Seed Company	Ferry-Morse Seed Company	Bakker Brothers of Idaho, Inc.					
GEN.																	
VARIETY	(Continued)	<pre></pre>	Bronco	<xp-b167></xp-b167>	<xp-b169></xp-b169>	Sentry	Podsquad	Sprout	Stiletto	Blue Knight	Champ	Stride	Trueblue	Slenderella	Flatbush	Shore	Early Sunray
APPL. NO.	BEAN, GARDEN (Continued)	8600094	8600095	9600098	8600097	8600098	8600098	8600160	8700024	8700025	8700149	8700150	8800011	8800019	8800025	8800042	8800069
	-																

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_	APPL.	VARIETY	GEN.	NAME OF APPLICANT
	Z	(Continued)		
	8800091	Applause Colt		Asgrow seed Company Rogers Brothers Seed Company
	8800108	Minigreen		Rogers Brothers Seed Company
	8800110	MCHAIVES ( <bx 156-2-3-6=""></bx>		Rogers Brothers Seed Company Rogers Brothers Seed Company
	8800111	Kent		Rogers Brothers Seed Company
	8800112	<wax 79-216=""></wax>		Rogers Brothers Seed Company
		Homestyle		Asgrow Seed Company
		Biscayne		Asgrow Seed Company
	8800038	Blue Ridge		Ferry-Morse Seed Company
	8800038	Derby		Ferry-Morse Seed Company
	8900040	Hialeah		Ferry-Morse Seed Company
	8900041	Primo		Ferry-Morse Seed Company
	BENTGRASS, CREEPING	REEPING		
	8800047 SR 1020	SR 1020		Seed Research of Oregon, Inc.
	8800225	8800225 National		Pickseed West Inc.
	(*) To be co	A No vesto de se o	**************************************	(*) To be cold by uswinty manne and use a class of contiffed and A number within mannathosis indicates
	וח חב אח	id by variety lialle only as a class of	כפו בון ועם סעעם.	A number within parenthesis indicates

number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

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NAME OF APPLICANT	Lofts Seed, Inc. Pickseed West Inc. Deutsche Saatveredelung Lippstadt - Bremen GmbH	Research Corporation Technologies, Inc. and USDA-ARS	Texas Agricultural Experiment Station	Royal Sluis, Inc.	Florida Agricultural Experiment Station	(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.
GEN.	(3)	(2)			(1)	lass of certified seed. rmitted beyond breeder'
APPL. VARIETY NO.	BLUEGRASS, KENTUCKY 8800230 Lofts 1757 8900001 Bronco 8900052 <limousine></limousine>	BLUESTEM, BIG 8800020 Niagara	CARROT 8800210 Texas Gold Spike	CELERY 8900005 Starlet	CLOVER, CRIMSON 8800203 Flame	<pre>(*) To be sold by variety name only as a class of certified seed. A num number of generations of certified seed permitted beyond breeder's seed. &lt; &gt; Identifies temporary designations.</pre>

APPL. NO.	VARIETY GEN.	NAME OF APPLICANT
CLOVER, WHITE 8300147 Ross	TE Ross	Germinal Holdings Limited
COREOPSIS, PERENNIAL 8800196 Early S	OPSIS, PERENNIAL 8800196 Early Sunrise	W. Atlee Burpee Company
CORN, FIELD		
8700196	IBB15	DeKalb-Pfizer Genetics
8800029	787	Northrup King Co.
8800032	W8304	Northrup King Co.
8800149	NS501	United AgriSeeds, Inc.
8800150	00603	United AgriSeeds, Inc.
8800177	11430	Cargill, Inc.
8800178	2369	Cargill, Inc.
8800189	87916W	DeKalb-Pfizer Genetics
8800190	HB8229	DeKalb-Pfizer Genetics
8800191	6M502	DeKalb-Pfizer Genetics
(*) To be so number of ge	(*) To be sold by variety name only as a class of certified seed. A num number of generations of certified seed permitted beyond breeder's seed.	eed. A number within parenthesis indicates the der's seed.
<pre>&lt; &gt; Identifi</pre>	< > Identifies temporary designations.	

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APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
008431284390	(Continued) IBB14 2MA22 MAS22 MBST 78551S PHM49 PH710 PHW52 PH47 PH93 PHN93 PH730 PHN93 PH730 PHN97		Dekalb-Pfizer Genetics Dekalb-Pfizer Genetics Dekalb-Pfizer Genetics Dekalb-Pfizer Genetics Dekalb-Pfizer Genetics Dekalb-Pfizer Genetics Pioneer Hi-Bred International, Inc.
S800117 PD-3	PD-3	(3)	South Carolina Agricultural Experiment Station and USDA-ARS

<sup>(\*)</sup> To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations. 9

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0	APPL.	VARIETY	GEN.	NAME OF APPLICANT
	COTTON (Continued) 8800133 HAS 2 8800197 KC311 8900026 Kings 8900055 Delta	ON (Continued) 8800133 HAS 270 8800197 KC311 8900026 Kings Acala M 5 8900055 Deltapine 51	(1)	Hollandale Agricultural Services Northrup King Co. V. T. Walhood and Westlake Farms, Inc. Delta and Pine Land Company
	COWPEA 8700185	EA 8700185 CT Pinkeye Purplehull		C. T. Smith Company
	ERAGROSTIS TEFF 8900033 Dessie	EFF Dessie	(2)	Maskal Forages, Inc.
	FESCUE, HARD 8800156	SR 3000		Seed Research of Oregon, Inc.
	FESCUE, RED 8900061 Cindy 8900063 Victor	Cindy Victor	(3)	Cebeco-Handelsraad, Neth. Mommersteeg International B.V.
		The same who was the first of the same of	**************************************	(*) To be cell by usuater mane only so a class of countified sood. A number within namesthesis indicates the

A number within parenthesis indicates the (\*) To be sold by variety name only as a class of certified seed. A numl number of generations of certified seed permitted beyond breeder's seed.
< > Identifies temporary designations.

NAME OF APPLICANT	University of Missouri University of Missouri International Seeds Inc. International Seeds Inc. International Seeds Inc. International Seeds Inc. Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. Fre Cooperative Lofts Seed, Inc.	N. C. Agricultural Research Service Petoseed Co., Inc.	(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.
GEN.			lass of certified seed rmitted beyond breeder
VARIETY	Martin Mozark Trident Cajun Pacer Maximize 65HF> Murietta Titan Tribute	Carostan Bounty	(*) To be sold by variety name only as a class of certified seed. A num number of generations of certified seed permitted beyond breeder's seed. < Identifies temporary designations.
APPL.	FESCUE, TALL 8700162 8700163 8700177 8700178 8700178 8800123 8800132 8800155 8800155 8800155 8800155	FLACCIDGRASS 8900028 Carostan LETTUCE 8600150 Bounty	(*) To be sol number of gen < > Identifie

NAME OF APPLICANT	Ferry-Morse Seed Company Royal Sluis B.V. Royal Sluis B.V. Bruce Church, Inc. Ferry-Morse Seed Company Ferry-Morse Seed Company Ferry-Morse Seed Company Asgrow Seed Company Genecorp Technology Genecorp Technology Genecorp Technology Genecorp Technology Brinker Orsetti Seed Co., Inc. Johnny's Selected Seeds and Brinker Orsetti Seed Co., Inc. Bruce Church, Inc. Bruce Church, Inc.
GEN. (*)	
VARIETY	Redprize Redprize Redprize Kelvin Esmeralda Winter King Salverde Fanfare Garnet Green Bowl Genecorp Cos Ideal Cos Major Cos Cos King Red Lakes Rosalita Pinnacle
APPL.	LETTUCE (Continued) 8700023 Redpri 8700182 Kelvin 8700183 Esmera 8800003 Winter 8800023 Fanfar 8800027 Garnet 8800198 Genecol 8800199 Ideal 8800201 Cos Ki 8800205 Red Lal 8900003 Pinnac

(\*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

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GEN. NAME OF APPLICANT		Genecorp, Inc.	Asgrow Seed Company	Asgrow Seed Company	Asgrow Seed Company	Genecorp Technology	Genecorp Technology	Genecorp, Inc.	Genecorp Technology	Genecorp, Inc.	Genecorp, Inc.	Royal Sluis, Inc.	Ferry-Morse Seed Company	Ferry-Morse Seed Company	Ferry-Morse Seed Company	Asgrow Seed Company	A Land of the state of the stat	GOIDSMITH SEEDS, INC.
VARIETY	tinued)	Honcho II	Red Sceptre	Andros	Capri	Racy Red	Genesys Green	Van 007X	Primavera	Atlas	Lettich	Parris Island Cos 318	Duchesse	Fallgreen	Snowbird	Le Cup	9	880010/ Janie Harmony
APPL. NO.	LETTUCE (Continued)	9000068	8900014	8900021	8900022	8900023	8900024	8900025	8900027	8900059	8900030	8900032	8900042	8900043	8900044	8900054	MARIGOLD	/OTODOS

(\*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

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ontinued) Aurora Fire Aurora Gold Aurora Gold Aurora Yellow Fire Janie Tangerine 833 Starter Hercules Mesquite II Granny-X Everest Texas Grano 438 Dorado	ı	APPL. NO.	VARIETY	GEN.	NAME OF APPLICANT
ire bld sllow Fire igerine II II	MA	RIGOLD (Co	ntinued)		
old silow Fire igerine (3) (3) (3) (3) (3) (3)		8800168	Aurora Fire		Goldsmith Seeds, Inc.
igerine (3) (3) (3) (3) (3) (4)8		8800169	Aurora Gold		Goldsmith Seeds, Inc.
(3) (3) (1) II		8900070	Aurora Yellow Fire		Goldsmith Seeds, Inc.
00135 833 00067 Starter 00049 Hercules 00204 Mesquite II 00044 Granny-X 00045 Everest 00208 Dorado 00208 Dorado		8900071	Janie Tangerine		Goldsmith Seeds, Inc.
00135 833 00067 Starter 00049 Hercules 00204 Mesquite II 00044 Granny-X 00045 Everest 00207 Texas Grano 438 00208 Dorado	OA.	<b>⊢</b>			
00067 Starter (3) 00049 Hercules (3) 00204 Mesquite II (3) 00044 Granny-X 00045 Everest (3) 00207 Texas Grano 438			833		Harbool Seed Inc.
00049 Hercules (3) 00204 Mesquite II 00044 Granny-X 00045 Everest 00207 Texas Grano 438 00208 Dorado		8700067	Starter	(3)	Minnesota Agricultural Experiment Station
00204 Mesquite II 00044 Granny-X 00045 Everest 00207 Texas Grano 438 00208 Dorado		8800049	Hercules	(3)	Pennsylvania Agricultural Experiment Station
00044 Granny-X 00045 Everest 00207 Texas Grano 438 00208 Dorado		8800204	Mesquite II		Douglass W. King Co.
00044 Granny-X 00045 Everest 00207 Texas Grano 438 00208 Dorado	NO	NOI			
Everest Texas Grano 438 Dorado Perla		8800044	Granny-X		Nickerson-Zwaan
Texas Grano 438 Dorado Perla		8800045	Everest		Nickerson-Zwaan
Dorado Perla		8800207	Texas Grano 438		Texas Agricultural Experiment Station
Dan		8800208	Dorado		Texas Agricultural Experiment Station
3		8800209	Perla		Texas Agricultural Experiment Station
	*	To ho co	(*) To be cold be vessioned and a class of contified cold. A number within newsetheric indicator the	Lond Loid Lond	A mumbon midthin modern

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NAME OF APPLICANT	Snow Brand Seed Company	Crites-Moscow Growers, Inc. Gallatin Valley Seed Co. Gallatin Valley Seed Co., a division of Rogers Brothers Seed Company Campbell Soup Company Pure Line Seeds, Inc.	Pure Line Seeds, Inc. Pure Line Seeds, Inc. DNA Plant Technology Corporation
GEN. (*)			
VARIETY	ARDGRASS 8800105 Summer Green	Summit Frolic Quest Irby Scotch Sun-Up Scamp	8900067 Sentry 8900068 Sun Burst ER 8800202 Vegi-Sweet
APPL.	ORCHARDGRASS 8800105	PEA 8000002 8700148 8800088 8800206 8900065 8900065	

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APPL.	VARIETY	GEN. (*)	NAME OF APPLICANT
PHLOX, ANNUAL 8900019 8900020 8900048 8900049 8900050	PHLOX, ANNUAL 8900019 <palona deeprose=""> 8900020 <palona light="" salmon=""> 8900048 <k 22=""> 8900049 <k 25=""> 8900050 <k 55=""> 8900051 <k 66=""></k></k></k></k></palona></palona>		Sluis & Groot Research Sluis & Groot Research Sluis & Groot Research Sluis & Groot Research Sluis & Groot Research
RAPE 8800137 8800237	<ld 9922=""> Lirabon-00</ld>	(3)	Daehnfeldt Inc. CANOLA, INC.
RICE 8900034 S-101 8900035 M-203	S-101 M-203	(3)	California Cooperative Rice Research Foundation California Cooperative Rice Research Foundation
RYEGRASS, ANNUAL 8800227 Max	IUAL Max		NPI Seed Inc.

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NAME OF APPLICANT	NPI Seed Inc. L. Daehnfeldt A/S	Seed Research of Oregon, Inc. Seed Research of Oregon, Inc. International Seeds Inc. Pure-Seed Testing, Inc. R. H. Bailey Seed, Inc. KWS-AG NPI Seed Inc. Pickseed West Inc. Normarc, Inc. The O. M. Scott & Sons Company Pickseed West Inc. International Seeds Inc.	(*) To be cold by uswisty name only as a class of contiftind cood. A number within namenthosis indicator t
GEN.		(3)	see of coutified cos
VARIETY	RYEGRASS, ANNUAL (Continued) 8800228 Comet 8900007 RustMaster	FGRASS, PERENNIAL 8700155 SR 4000 8700156 SR 4100 8700176 Lindsay 8800113 Pebble Beach 8800224 Dandy 8800224 Dandy 8800229 Prevail 8800239 Prevail 8800238 Pinnacle 8900008 Calypso 8900045 Riviera	In the second of the second se
APPL. NO.	RYEGRASS, ANNUAL (( 8800228 Comet 8900007 RustM	RYEGRASS, PERENNIAL 8700155 SR 400 8700156 SR 410 8700176 Lindsa 8800113 Pebble 8800114 Saturn 8800224 Dandy 8800226 Allair 8800229 Prevai 880023 Pinnac 8900008 Calyps 8900045 Rivier	(*) To be so

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	International Seeds Inc. Mommersteeg International B.V. Pickseed West Inc. Cebeco-Handelsraad, Neth.		ltion (tion	Cargill, Inc. Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred International, Inc.
NAME OF APPLICANT	International Seeds Inc. Mommersteeg International Pickseed West Inc. Cebeco-Handelsraad, Neth.	Cal/West Seeds	Sesaco Corporation Sesaco Corporation	Cargill, Inc. Pioneer Hi-Bre Pioneer Hi-Bre Pioneer Hi-Bre
GEN.	(3)			
VARIETY	RYEGRASS, PERENNIAL (Continued) 8900047 Prestige 8900057 Mondial 8900059 Pleasure 8900062 Surprise	C/W 88-0L	Sesaco 10 Sesaco 11	A8087C PH257 PH308 PH309
APPL. NO.	RYEGRASS, PERENNIAL 8900047 Prestig 8900057 Mondial 8900059 Pleasur 8900062 Surprise	SAFFLOWER 8900056	SESAME 8800128 8800129	SORGHUM 8800179 8800181 8800183 8800184

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NAME OF APPLICANT	Pioneer Hi-Bred International, Inc.	Northrup King Co. Dairyland Seed Company, Inc. Dairyland Seed Company, Inc. Southern States Cooperative, Inc. Nickerson American Plant Breeders, Inc. Northrup King Co. Asgrow Seed Company Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred International, Inc. Psone Seed Company Asgrow Seed Company Asgrow Seed Company Dekalb-Pfizer Genetics
GEN.		
VARIETY	rinued) PH310	S29-20 DSR-135 DSR-184 SS 487 AP 2021 AP 3977 S36-36 A5403 A5403 A5403 A5403 A5403 A501 A3415 A3415
APPL. NO.	SORGHUM (Continued) 8800185 PH310	SOYBEAN 8700113 8800066 8800116 8800124 8800125 8800125 8800142 8800161 8800161 8800165 8800165 8800165 8800165 8800165

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SOYBEAN (Continued) 8800187 CX458 8800188 CX298 8800221 <29725K> 8800222 <34726> 8800223 <34870> 8900009 AP 1650		(*)
8800187 CX458 8800188 CX298 8800221 <29725K> 8800222 <34726> 8800223 <34870> 890009 AP 1650		
8800221 <29725K> 8800222 <34726> 8800223 <34726> 8800223 <34870> 8900009 AP 1650		DeKalb-Pfizer Genetics
8800221 <29725K> 8800222 <34726> 8800223 <34870> 8900009 AP 1650		DeKalb-Pfizer Genetics
8800222 <34726> 8800223 <34870> 8900009 AP 1650		Latham Seed Co.
8800223 <34870> 8900009 AP 1650		Latham Seed Co.
8900009 AP 1650		Latham Seed Co.
		Nickerson American Plant Breeders, Inc.
8900010 AP 1989		Nickerson American Plant Breeders, Inc.
8900011 AP 2324		Nickerson American Plant Breeders, Inc.
8900060 Conrad	(3)	Iowa Agriculture and Home Economics Experiment Station
STEIRODISCUS		
8900053 Gold Rush	sh (1)	Takii and Company, Ltd.
SUNFLOWER 8800180 687		out Ilipac)

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APPL.	VARIETY	GEN. (*)	NAME OF APPLICANT
OMATO			
8600136 Pet	Peto 111		Petoseed Co Inc.
8600142	<#887>		Long Shelf Life, Inc.
8600143	<#888>		Long Shelf Life, Inc.
8700026	Diablo		Harris Moran Seed Company
8700058	Ramsay		Campbell Soup Company
			Campbell Institute for Research and Technology
8700116	71-75		Del Monte Corporation
8700123	DNAP-17		DNA Plant Technology Corporation
8700143	Ohio 8243		Dr. Stanley Z. Berry and The Ohio State
			University Research and Development Center
8700189	Beall's Gourmet		Frances B. Chesser
8700194	<sunex 1643=""></sunex>		Sunseeds Genetics, Inc.
8800029	NC 8288		North Carolina Foundation Seed Producers. Inc.
8900012	Fla 7171		Florida Agricultural Experiment Station
8900013	F1a 7060		Florida Agricultural Experiment Station
8900031	Colusa		Ferry-Morse Seed Company

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NAME OF APPLICANT

GEN.

	Dean Bork Sunseeds Genetics, Inc. Sunseeds Genetics, Inc. Sunseeds Genetics, Inc.	Kansas Agricultural Experiment Station HybriTech Seed International, Inc. Columbia Basin Seeds Columbia Basin Seeds Lubrizol Genetics, Inc. Lubrizol Genetics, Inc. Lubrizol Genetics, Inc. Sogetal, Inc. Sogetal, Inc. Colorado State University United AgriSeeds, Inc.	
(*)	Triti-Gold 22 Stan-I Eve Victoria	(3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	
NO.	RRITICALE 8400144 Triti-Go 8700205 Stan-I 8700206 Eve 8700207 Victoria	WHEAT, COMMON 8300151 Arkan 8500106 Rodeo 8500177 Basin 8500178 Cashup 8500194 <5630> 8500194 <5630> 8500195 <5677> 8500196 <5469> 8600025 <83501> 8600038 Tammy 8600157 Carson 8700068 7101	

A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations. (\*) To be sold by variety name only as a class of certified seed.

VARIETY

APPL.

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APPL. NO.	VARIETY	GEN.	NAME OF APPLICANT
IEAT, COMMOI 8700138	WHEAT, COMMON (Continued) 8700138 GR860	(2)	The Ohio State University, Ohio Agricultural
8700139	GR863	(2)	Research and Development Center The Ohio State University, Ohio Agricultural
8700159	Coker 9733		Northrup King Co.
8/00160	Cody	(3)	nortnrup king co. The Board of Regents. The University of Nebraska
8700168	Redland	(3)	The Board of Regents, The University of Nebraska
8700188	Syringa	(3)	Plant Breeders 1, Inc.
8/00202	218U 2375		Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred International, Inc.
8800033	Norkan	(3)	Kansas Agricultural Experiment Station
8800034	Dodge	(3)	Kansas Agricultural Experiment Station
8800054	Pacer	(3)	HybriTech Seed International, Inc.
8800077	W2501	(3)	Nickerson American Plant Breeders. Inc.
8800078	W2502	(3)	Nickerson American Plant Breeders, Inc.
8800080	Traveler	(3)	Nickerson American Plant Breeders, Inc.

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APPL.	VARIETY	GEN. (*)	NAME OF APPLICANT
WHEAT, COMMO	WHEAT, COMMON (Continued)		
8800095 Clark	Clark	(3)	Purdue University
8800121	GR876	(2)	The Ohio State University, Ohio Agricultural
			Research and Development Center
8800122	Dynasty	(3)	The Ohio State University, Ohio Agricultural
			Research and Development Center
8800231	Baker	(*)	Western Plant Breeders, Inc.
8900015	7805		HybriTech Seed International, Inc.
8900016	7833		HybriTech Seed International, Inc.
8900017	7837		HybriTech Seed International, Inc.
8900018	7846		HybriTech Seed International, Inc.
8800036	<xw371></xw371>		Pioneer Hi-Bred International, Inc.
8900037	2370		Pioneer Hi-Bred International, Inc.
8300028	Nomad	(3)	Wheat Specialties International
WHEAT, DURUM			
8800232	8800232 Imperial	(*)	Western Plant Breeders, Inc.
8800233	WestBred 883	(*)	Western Plant Breeders, Inc.
(*) To be so	ld by variety name only as a class of ce	rtified seed	(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the
<pre></pre>	number of generations of certified seed permitted beyond breeder's seed.	your preder	s seeu.
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	es compotary acarymacions.		

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#### APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE JANUARY 1, 1988 TO DECEMBER 31, 1988

Applications for the varieties listed below are no longer being considered for U.S. plant variety protection. Propagation of these varieties is no longer prohibited by the U.S. Plant Variety Protection Act. Varieties published in this list may possibly be protected under the Patent Act.

### APPL. NO. VARIETY   8700132   Yolo   8800014   Madera   8500015   Maricopa   8500095   Flare   8700047   IN330   8700048   IN331   8700048   IN331
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< > Identifies temporary designations.

APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE JANUARY 1, 1988 TO DECEMBER 31, 1988

KIND	APPL. NO.	VARIETY
FESCUE, CHEWINGS	8700076	Enjoy
LETTUCE	8700181	Corsica
OAT	8500053	Clark
RESCUEGRASS	8400151	Bellegarde
WATERMELON	8700115	Tetra 4008
WHEAT, COMMON	8500018	Kodiak Dwarf
WHEAT, COMMON	8500071	Bronze Chief
WHEAT, COMMON	8500072	Brute
WHEAT, COMMON	8500180	Orion
WHEAT, COMMON	8800079	Steele

< > Identifies temporary designations.

#### INDEX TO CERTIFICATES ISSUED IN 1988

Certificates of plant variety protection have been issued for the varieties listed below. All rights to which the certificate owner is entitled shall be in force until further notice in the Official Journal. Seed of the varieties listed here may be labeled "Unauthorized Propagation Prohibited - U.S. Protected

	GEN. ISSUE OWNER (*) DATE	01/15/88 W-L Research, Inc.	(2) 04/29/88 Michigan State University	07/29/88 Plant Genetics, Inc.	06/30/88 Plant Genetics, Inc.	06/30/88 Plant Genetics, Inc.	09/30/88 Plant Genetics, Inc.	07/29/88 Plant Genetics, Inc.
	VARIETY GE	PRO-CUT	ebfoot	Sutter	Vector	Flint	Vortex	Arroyo
Variety."	CERT. NO.	ALFALFA 8700171 P	8700212	8800013	8800102 Vector	8800103	8800104	8800120 Arroyo

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r r art XR-1 (3) Ruffles			08/31/88 Pioneer Hi-Bred International, Inc.	, Inc.		01/15/88 Tainio Technology & Technique, Inc.	.B., Sweden	oee Company	ers Seed Company
r r art XR-1 (3) Ruffles	OWNER		Pioneer Hi-Bı	W-L Research	J. R. Jordan	Tainio Techno	W. Weibull A.	W. Atlee Burp	Rogers Broth
r art XR-1 Ruffles	1		08/31/88	08/31/88	10/31/88	01/15/88	03/31/88	12/30/88	05/31/88
	VARIETY GEN.			S.	Big Heart XR-1	(3)	(3)	.L 8600139 Purple Ruffles	ν.
	CERT.	ALFALFA (Continued)	8800157 5331	8800172 Allstar	ARTICHOKE 8800071	BARLEY 8000083	8400076 Birka	BASIL 8600139	BEAN, GARDEN 8500093 Bluepak

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	отрапу		any	ement Association	٠			
OWNER	Rogers Brothers Seed Company	07/29/88 Musser Seed Co.	01/15/88 Harris Moran Seed Company	(3) 03/11/88 New Mexico Crop Improvement Association	01/15/88 Pure-Seed Testing, Inc.	02/19/88 Jacklin Seed Company	02/19/88 Jacklin Seed Company	04/29/88 Jacklin Seed Company
ISSUE	02/19/88	07/29/88	01/15/88	03/11/88	01/15/88	02/19/88	02/19/88	04/29/88
GEN. (*)				(3)				
VARIETY	(Continued) Blazer	8600051 Slenderwax	Hystyle	UDAGRASS 8800010 NUMex SAHARA	GRASS, KENTUCKY 8700140 Blacksburg	8800006 Huntsville	Liberty	Dawn
CERT.	BEAN, GARDEN (Continued) 8500094 Blazer	8600051	8600127	BERMUDAGRASS 8800010	BLUEGRASS, KENTUCKY 8700140 Blacks	8800006	8800007	8800062 Dawn

(\*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.

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CERT. NO.	VARIETY	GEN.	I SSUE DATE	OWNER
BLUEGRASS, k 8800063	BLUEGRASS, KENTUCKY (Continued) 8800063 Destiny		06/30/88	06/30/88 Jacklin Seed Company
8800072	8800072 Suffolk		05/31/88	05/31/88 Jacklin Seed Company
8800073 Ikone	Ikone		05/31/88	05/31/88 L. C. Nungesser K.G.
8800074	8800074 Freedom		05/31/88	05/31/88 Jacklin Seed Company
BROCCOLI RAAB 8700192	COLI RAAB 8700192  D'Arrigo No. 502		05/31/88	05/31/88 D'Arrigo Bros. Co. of California
CAULIFLOWER 8700190	IFLOWER 8700190 Alverda		05/31/88	05/31/88 TS Seeds BV
CLOVER, BERSEEM 8500017 Big	ER, BERSEEM 8500017 Bigbee		08/31/88	Mississippi Agricultural and Forestry Experiment Station and USDA-ARS
(*) To be so	(*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of canality of certified seed narmitted bound broader's seed	rtifie  ++od	d seed.	A number within parentheses indicates

the number of generations of certified seed permitted beyond breeder's seed.

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				•		•		Inc.	
	Inc	Inc	Inc	Inc		Inc		nal,	
	eeds,	eeds,	eeds,	eeds,	.•	eeds,		natio	y,
	ion S	ion S	ion S	ion S	, Inc	ion S		Inter	netic
	undat	undat	undat	undat	Seeds	undat	ng Co	Bred	er Ge
OWNER	's Fo	s Fo	s Fo	's Fo	Agri	s Fo	ıy dı	Hi	-Pfiz
MO	03/31/88 Holden's Foundation Seeds, Inc.	Holden's Foundation Seeds, Inc.	03/11/88 Holden's Foundation Seeds, Inc.	Holden's Foundation Seeds, Inc.	05/31/88 United AgriSeeds, Inc.	03/11/88 Holden's Foundation Seeds, Inc.	Northrup King Co.	03/31/88 Pioneer Hi-Bred International, Inc.	07/29/88 DeKalb-Pfizer Genetics
щш	1 88/	03/31/88	88/	01/15/88	1 88/	1 88/	04/29/88	1 88/	] 88/
ISSUE	03/31	03/31	03/11	01/15	05/31	03/11	04/29	03/31	07/29
GEN.									
VARIETY									
VAR	LH150	32	146Ht	156	701	61	7	985	371A
	E	1 LH85	E	LH156	NS701	LH	807	PHG86	783
CERT.	FIELD 00153	8700088	8700089 LH146Ht	8700090	8700134	8700137 LH61	8700151	8700170	8700172 78371A
S	CORN, FIELD 8500153	87	87	87	87	87	87	87	87
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(\*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.

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	netics	netics	netics	netics	tion Seeds, Inc.	Pioneer Hi-Bred International, Inc.	05/31/88 Pioneer Hi-Bred International, Inc.	05/31/88 Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	
OWNER	DeKalb-Pfizer Genetics	DeKalb-Pfizer Genetics	09/30/88 DeKalb-Pfizer Genetics	09/30/88 DeKalb-Pfizer Genetics	Holden's Foundation Seeds, Inc.		Pioneer Hi-Bred	Pioneer Hi-Bred	Pioneer Hi-Bred	
ISSUE	07/29/88	07/29/88	88/30/60	09/30/88	04/29/88	05/31/88	05/31/88	05/31/88	05/31/88	
VARIETY GEN.	Continued) FBHJ	PB80	МВРМ	IB02	ГН59	PHK29	PHK05	PHR25	PHV78	
CERT.	CORN, FIELD (Continued) 8700173 FBHJ	8700174	8700175	8700197	8700213	8700214	8800001	8800002	8800003	

(\*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.

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				Inc.	Inc.	Inc.	Inc.	Inc.	Inc.
OWNER	06/30/88 Northrup King Co.	Northrup King Co.	08/31/88 Northrup King Co.	Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	07/29/88 Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	07/29/88 Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.
	North		North			Pion		Pione	
ISSUE DATE	06/30/88	08/31/88	08/31/88	07/29/88	07/29/88	07/29/88	07/29/88	07/29/88	08/31/88
GEN.									
VARIETY	CORN, FIELD (Continued) 8800028 740	790	793	PHK42	PHK76	PHN11	PHT77	PHV63	PHW65
CERT.	CORN, FIELD 8800028	8800030	8800031	8800035	8800036	8800037	8800038	8800039	8800040

(\*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.

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CERT.	VARIETY GEN.	4. ISSUE DATE	OWNER
CORN, FIELD (Continued) 8800046 PHT55	(Continued) PHT55	08/31/88	08/31/88 Pioneer Hi-Bred International, Inc.
8800050 LH65	LH65	09/30/88	09/30/88 Holden's Foundation Seeds, Inc.
8800053 LH149	LH149	11/30/88	11/30/88 Holden's Foundation Seeds, Inc.
8800152	Н8431	11/30/88	Northrup King Co.
8800153	58324	11/30/88	11/30/88 Northrup King Co.
8800154	58326	11/30/88	Northrup King Co.
COTTON 8700165	Arkot 518	03/11/88	(3) 03/11/88 Arkansas Agricultural Experiment Station
8700210	8700210 Dunn HS 120	01/15/88	Dunn Seed Farms, Inc.
8800017		02/19/88	(3) 02/19/88 Germain's, Inc.
(*) To be so the numb	(*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.	fied seed.	A number within parentheses indicates eeder's seed.

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	ompany				ڹ			
OWNER	Agrigenetics Corp. dba GroAgri Seed Company	08/31/88 Dunn Seed Farms, Inc.	(3) 05/31/88 J. H. Lambright	(*) 09/30/88 California Planting Cotton Seed Distributors	Stoneville Pedigreed Seed Company, Inc.	Mississippi Agricultural and Forestry Experiment Station	11/30/88 Chester Brogden and Charles E. Smith	
ISSUE	07/29/88	08/31/88	05/31/88	09/30/88	88/08/60	(3) 02/19/88	11/30/88	
GEN.			(3)	(*)		(3)		
VARIETY	rinued) GSC 30	8800052 Dunn 400	8800085 Lambright 2020	Acala Prema	8800173 Stoneville 453	EA 8500073 Mississippi Shipper	8700014 Pinkeye Pink Pod	
CERT.	COTTON (Continued) 8800048 GSC 30	8800052	8800085	8800171	8800173	COWPEA 8500073	8700014	

(\*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed. 35

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CERT.	VARIETY	GEN.	ISSUE	OWNER
ENDIVE 8700066	VE 8700066 Crispy Green		02/19/88	Harris Moran Seed Company
FESCUE, CHEWINGS 8700077 Center	NGS Center		01/15/88	01/15/88 International Seeds Inc.
FESCUE, RED 8800136 Vista	Vista		07/29/88	07/29/88 Pure-Seed Testing, Inc.
FESCUE, SHEEP 8800064 Bighorn	Bighorn		05/31/88	05/31/88 Pure-Seed Testing, Inc.
FESCUE, TALL 8500150 Willamette	Willamette		01/15/88	International Seeds Inc.
8500183 Mojave	Mojave		01/15/88	01/15/88 International Seeds Inc.
8500184	8500184 Southland		01/15/88	01/15/88 International Seeds Inc.

(\*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.

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OWNER	01/15/88 Lofts Seed, Inc.	FFR Cooperative	07/29/88 Jacklin Seed Company	11/30/88 Jacklin Seed Company	FFR Cooperative	06/30/88 Pure-Seed Testing, Inc.	NPI Seed Inc.	01/15/88 Denholm Seeds
ISSUE	01/15/88	04/29/88	07/29/88	11/30/88	88/02/90	88/08/90	88/30/60	01/15/88
GEN.								
VARIETY	(Continued) Rebel II	Phyter	Mesa	Wrangler	Penngrazer	8800130 Silverado	Tip	NIA SPLENDENS 8700062 Daybreak Orange
CERT. NO.	FESCUE, TALL (Continued) 8700195 Rebel II	8800076	8800082	8800083	8800093	8800130	8800176 Tip	GAZANIA SPLENDENS 8700062 Daybr

(\*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.

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CERT.	VARIETY GEN.	I. ISSUE DATE	OWNER
LETTUCE 8400013	UCE 8400013 Greenfield	02/19/88	02/19/88 Les Produits Organiques du Santerre-Orsan S.A.
8500003	8500003 Desert Queen	03/31/88	03/31/88 Genecorp Technology
8600035	8600035 Early Giant	05/31/88	05/31/88 Genecorp Technology
8600108	8600108 Vancrisp	01/15/88	Koninklijke Zaaizaadbedrijven Gebroeders Sluis, B.V.
8600147	8600147 Maverick	01/15/88	Genecorp Technology
8600154	Vanpire	05/31/88	Genecorp Technology
8700142	Royal Green	03/11/88	03/11/88 Royal Sluis, Inc.
8700179	8700179 Boston Rose	10/31/88	10/31/88 Genecorp, Inc.

(\*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.

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OMNER	09/30/88 Genecorp, Inc.	09/30/88 Genecorp Technology	07/29/88 Royal Sluis, Inc.	09/30/88 Royal Sluis B.V.	Koninklijke Zaaizaadbedrijven Gebroeders Sluis, B.V.	09/30/88 Ferry-Morse Seed Company	05/31/88 Genecorp Technology	09/30/88 Genecorp Technology
ISSUE	09/30/88	88/30/88	07/29/88	88/30/60	12/30/88	09/30/88	05/31/88	88/30/60
VARIETY GEN.	tt Butter		Red		מ	reen	0	ity
VAI	scarle	Blazer	Royal Red	Telda	LaJolla	Bellag	Greengo	King C
CERT.	LETTUCE (Continued) 8700180 Scarlett Butter	8700208	8700211	8800004 Telda	8800022	8800026 Bellagreen	8800055	8800131 King City

(\*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed. 

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CERT.	VARIETY	GEN.	ISSUE	OWNER
MARIGOLD 8800094	Disco Orange		10/31/88	10/31/88 John Bodger & Sons Co.
9600088	Disco Golden-Yellow		10/31/88	John Bodger & Sons Co.
8800097	Hero Harmony		10/31/88	John Bodger & Sons Co.
8800088	Hero Flame		10/31/88	John Bodger & Sons Co.
8800099	Hero Gold		10/31/88	John Bodger & Sons Co.
8800100	Hero Yellow		10/31/88	John Bodger & Sons Co.
PEA 8700147	8700147 Sugar Pop		04/29/88	04/29/88 Gallatin Valley Seed Co.
8800056	Solara	(3)	09/30/88	(3) 09/30/88 Cebeco-Handelsraad
8800058 Danto	Danto	(3)	11/30/88	(3) 11/30/88 L. Daehnfeldt, Inc.

(\*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.

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Everett 11/30/88  Everett 11/30/88  Magnus (3) 11/30/88  Alpha II 02/19/88  Prima Belle 09/30/88  Legend (2) 07/29/88	(Continued) 8800089 Genie 11/30/88 8800106 Everett 11/30/88 8800126 Magnus 11/30/88 8500126 Magnus 11/30/88 8700124 Bell-Sweet 8800057 Prima Belle 8800075 Legend 11/30/88		CERT.	VARIETY	GEN.	ISSUE	OWNER
3800126 Magnus (3) 11/30/88 3800126 Magnus (3) 11/30/88 5500187 Alpha II 02/19/88 3700124 Bell-Sweet 03/11/88 3800057 Prima Belle 09/30/88 3800075 Legend (2) 07/29/88	### 8800106 Everett ### 11/30/88 Rogers Brothers Seed Company ### 8800126 Magnus ### (3) 11/30/88 Booker Seeds Limited ### 8500187 Alpha II ### 8200187 Prima Belle ### (2) 02/19/88 Del Monte Corporation ### 8800057 Prima Belle ### (2) 07/29/88 Sunseeds Genetics, Inc. ### 8800075 Legend ### (2) 07/29/88 Svalof AB ### 8600162 V7713 ### (2) 07/29/88 Farms of Texas Company ### (*) To be sold by variety name only as a class of certified seed. A number within parentheses indificult the number of generations of certified seed bermitted beyond breeder's seed.	PEA	(Continu 8800089	ed) Genie		11/30/88	Rogers Brothers Seed Company
### Second Second Second Page 11/30/88	### 8800126 Magnus  PEPPER ### 8500187 Alpha II ### 8700124 Bell-Sweet ### 8800057 Prima Belle ### 8800057 Prima Belle ### 8800075 Legend  ### 8800075 Legend ### 880		8800106	Everett		11/30/88	Rogers Brothers Seed Company
5500187 Alpha II 02/19/88 3700124 Bell-Sweet 03/11/88 3800057 Prima Belle 09/30/88 3800075 Legend (2) 07/29/88	8700124 Bell-Sweet 8800057 Prima Belle 8800075 Legend RICE 8600162 V7713 (*) To be sold by variety name only as a class of certified seed. A number within parentheses inditthe number of generations of certified seed beyond breeder's seed.		8800126	Magnus	(3)	11/30/88	Booker Seeds Limited
3800075 Legend (2) 07/29/88	8700124 Bell-Sweet 8800057 Prima Belle 09/30/88 Sunseeds Genetics, Inc. RAPE 8800075 Legend (2) 07/29/88 Svalof AB RICE 8600162 V7713 (*) To be sold by variety name only as a class of certified seed. A number within parentheses indithe number of generations of certified seed beyond breeder's seed.	PEP	PER 8500187	Alpha II		02/19/88	Del Monte Corporation
3800057 Prima Belle 3800075 Legend (2)	RAPE 8800075 Legend RICE 8600162 V7713 (*) To be sold by variety name only as a class of certified seed. A number within parentheses indithe the number of denerations of certified seed bevond breeder's seed.		8700124			03/11/88	DNA Plant Technology Corporation
3800075 Legend (2)	RAPE 8800075 Legend RICE 8600162 V7713 (*) To be sold by variety name only as a class of certified seed. A number within parentheses indithe number of generations of certified seed beyond breeder's seed.		8800057	Prima Belle		88/30/88	Sunseeds Genetics, Inc.
R600162 V7713	8600162 V7713  8600162 V7713  (*) To be sold by variety name only as a class of certified seed. A number within parentheses indithe number of generations of certified seed permitted beyond breeder's seed.	RAP	E 8800075	Legend	(2)	07/29/88	Svalof AB
	(*) To be sold by variety name only as a class of certified seed. A number within parentheses indithe number of generations of certified seed permitted beyond breeder's seed.	RIC	:E 8600162	V7713		01/15/88	Farms of Texas Company

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CERT.	VARIETY	GEN.	ISSUE	OWNER
RICE (Continued) 8700144 S2-	.(Continued) 8700144 S2-Calpearl	(1)	01/15/88	(1) 01/15/88 N. F. Davis Drier & Elevator
8700145	8700145 Valencia 87	(1)	01/15/88	01/15/88 N. F. Davis Drier & Elevator
8700203 KRM-2	KRM-2		03/11/88	03/11/88 Rice Researchers, Inc.
RYEGRASS (LOLIUM X 8400038 Bison	RYEGRASS (LOLIUM X HYBRIDUM) 8400038 Bison		01/15/88	01/15/88 International Seeds Inc.
RYEGRASS, PERENNIAL 8700027 Barball	RENNI AL Barball	(3)	03/31/88	(3) 03/31/88 Barenbrug Holland B.V.
8800024	8800024 Dasher II		04/29/88	04/29/88 Pickseed West Inc.
8800101	8800101 Competitor		07/29/88	07/29/88 Pure-Seed Testing, Inc.
SAFFLOWER 8800016	LOWER 8800016 C/W-4440		03/11/88	03/11/88
(*) To be so the numb	(*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.	rtifie	ed seed. beyond br	A number within parentheses indicates eeder's seed.

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		.•	. •	. •				
OWNER	(3) 06/30/88 SeedTec International, Inc.	04/29/88 Pioneer Hi-Bred International, Inc.	06/30/88 Pioneer Hi-Bred International, Inc.	11/30/88 Pioneer Hi-Bred International, Inc.	02/19/88 Northrup King Co.	06/30/88 Northrup King Co.	02/19/88 GROWMARK, Inc.	01/15/88 GROWMARK, Inc.
ISSUE	88/08/90	04/29/88	88/08/90	11/30/88	02/19/88	06/30/88	02/19/88	01/15/88
GEN. (*)	(3)							
VARIETY	continued) S-517	PH227	PH232	PH289	\$23-12	B236	HS 348	8700052 HS 339
CERT.	SAFFLOWER (Continued) 8800081 S-517	SORGHUM 8600012	8700131	8800182	SOYBEAN 8600145	8600146	8700039	8700052

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	it Station	Inc.	Inc.	Inc.	Inc.	Inc.			ricultural
OWNER	Illinois Agricultural Experiment Station	Pioneer Hi-Bred International, Inc.	06/30/88 Pioneer Hi-Bred International, Inc.	06/30/88 Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	02/19/88 Northrup King Co.	03/11/88 Asgrow Seed Company	Ohio State University, Ohio Agricultural Research & Development Center
ISSUE	(*) 06/30/88	88/08/90	88/08/90	88/08/90	88/08/90	88/08/90	02/19/88	03/11/88	(3) 02/19/88
GEN.	(*)								(3)
VARIETY	EAN (Continued) 8700073 Chamberlain	9202	9331	9391	9442	9641	B117	A3501	Flyer
CERT.	SOYBEAN (Continued) 8700073 Chambe	8700102	8700103	8700104	8700105	8700106	8700110	8700119	8700125

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OWNER	38 Ohio State University, Ohio Agricultural Research & Development Center	(2) 03/11/88 Ohio State University, Ohio Agricultural Research & Development Center	(2) 03/11/88 Ohio State University, Ohio Agricultural Research & Development Center	38 Northrup King Co.	03/31/88 Northrup King Co.	03/31/88 Kentucky Agricultural Experiment Station	06/30/88 Asgrow Seed Company
ISSUE	(3) 02/19/88	03/11/8	03/11/8	03/11/88	03/31/8	03/31/8	8/08/90
TY GEN.	(3)	(2)	(2)			(3)	
VARIETY	tinued) Resnik	GR8836	GR8936	\$53-34	6738	Pennyrile	A4393
CERT.	SOYBEAN (Continued) 8700126 Resnik	8700127 GR8836	8700128 GR8936	8700129	8700158	8700164	8700184

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OWNER	06/30/88 King Grain Inc.	07/29/88 Jacob Hartz Seed Company, Inc.	(3) 05/31/88 Minnesota Agricultural Experiment Station	Jacob Hartz Seed Company, Inc.	06/30/88 Iowa Agriculture and Home Economics Experiment Station	11/30/88 Asgrow Seed Company	09/30/88 Dairyland Seed Company, Inc.	09/30/88 Dairyland Seed Company, Inc.
ISSUE	06/30/88	07/29/88	05/31/88	07/29/88	06/30/88	11/30/88	09/30/88	09/30/88
VARIETY GEN.	EAN (Continued) 8700191 NattoKing K86	5164		6385			88	25
<b>/</b>	ntinued) Nattok	Hartz	Glenwo	Hartz 6385	LS301	A3935	DSR-128	DSR-15
CERT.	SOYBEAN (Continued) 8700191 NattoK	8700204 Hartz 5164	8700209 Glenwood	8800008	8800018	8800043 A3935	8800065	8800067 DSR-155

(\*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.

INDEX TO CERTIFICATES ISSUED IN 1988

I			riment				State
OWNER	(3) 10/31/88 Iowa Agriculture and Home Economics Experiment Station	(3) 10/31/88 Iowa Agriculture and Home Economics Experiment Station	(3) 10/31/88 Purdue University Agricultural Experiment Station and USDA-ARS	11/30/88 Asgrow Seed Company	Northrup King Co.	11/30/88 FFR Cooperative	Virginia Polytechnic Institute and State University
ISSUE	10/31/88	10/31/88	10/31/88	11/30/88	12/30/88	11/30/88	11/30/88
GEN.	(3)	(3)	(3)				(*)
VARIETY	EAN (Continued) 8800086 Elgin 87	8800087 Harper 87	Spencer	A6297	6847	FFR 565	Hutcheson
CERT.	SOYBEAN (Continued) 8800086 Elgin	8800087	8800090 Spencer	8800092	8800127	8800134	8800138

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CERT.	VARIETY GE	GEN.	ISSUE DATE	OWNER
SOYBEAN (Continued) 8800139 TN 4-80	10	3) 1	.2/30/88	(3) 12/30/88 Tennessee Agricultural Experiment Station
8800140	8800140 S74-40		1/30/88	11/30/88 Northrup King Co.
8800141	8800141 S61-10		1/30/88	11/30/88 Northrup King Co.
8800143	\$34-19		11/30/88	Northrup King Co.
8800144	S21-98	-	1/30/88	11/30/88 Northrup King Co.
8800145 \$26-06	\$26-06		1/30/88	11/30/88 Northrup King Co.
8800146	8800146 HSC Baldwin		1/30/88	11/30/88 Hyperformer Seed Company
8800147	HSC B2J		11/30/88	Hyperformer Seed Company
8800158	9111		2/30/88	12/30/88 Pioneer Hi-Bred International, Inc.

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CERT. NO.	VARIETY	GEN. ISSUE (*) DATE	OWNER
SOYBEAN (Continued) 8800159 9161	tinued) 9161	12/30/88	12/30/88 Pioneer Hi-Bred International, Inc.
8800160	9293	12/30/88	Pioneer Hi-Bred International, Inc.
8800163	Avery	(3) 11/30/88	11/30/88 The Curators of the University of Missouri
8800164 9272	9272	12/30/88	Pioneer Hi-Bred International, Inc.
SUNFLOWER 8700050	PHA009	05/31/88	05/31/88 Pioneer Hi-Bred International, Inc.
TOBACC0 8800070	K340	38/08/90	06/30/88 Northrup King Co.
TOMAT0 8500174 P-19	P-19	03/31/88	03/31/88 Petoseed Co., Inc.
8600032	MURRIETA II	03/11/88	Harris Moran Seed Company

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INDEX TO CERTIFICATES ISSUED IN 1988

8500052 Siouxland (3) 03/31/88 University of Nebraska and USDA-ARS	TOMATO (Continued) 8600124 Sureset TURNIP 8700193 Mosa VERBENA, ANNUAL 8700008 Romance 850007 Saluda 8500027 Norseman	CERT. VARIETY NO.  170 (Continued) 8600124 Sureset 8700193 Mosa ENA. ANNUAL 8700008 Romance Scarlet 8500007 Saluda 8500027 Norseman	(*) (*) (3)	(*) DATE  05/31/88  06/30/88  01/15/88  (*) 04/29/88  (3) 02/19/88	GEN. ISSUE  (*)  DATE  05/31/88 Ferry-Morse Seed Company  06/30/88 Zelder B.V.  01/15/88 Sluis & Groot Research  (*) 04/29/88 Virginia Agricultural Experiment Station  (3) 02/19/88 Nickerson American Plant Breeders, Inc.  (3) 02/19/88 Nickerson American Plant Breeders, Inc.
	8500052	Siouxland	(3)	03/31/88	University of Nebraska and USDA-ARS

(\*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.

INDEX TO CERTIFICATES ISSUED IN 1988

	ition		ltural					
OWNER	(3) 02/19/88 Florida Agricultural Experiment Station	(3) 05/31/88 Purdue University Agricultural Experiment Station and USDA-ARS	Ohio State University, Ohio Agricultural Research and Development Center	03/11/88 HybriTech Seed International, Inc.	(3) 12/30/88 HybriTech Seed International, Inc.	McIntyre-Pyle Seeds, Inc.	(3) 12/30/88 HybriTech Seed International, Inc.	03/31/88 Pioneer Hi-Bred International, Inc.
ISSUE	02/19/88	05/31/88	(2) 03/11/88	03/11/88	12/30/88	03/31/88	12/30/88	03/31/88
GEN. (*)	(3)	(3)	(2)		(3)	(3)	(3)	
VARIETY	WHEAT, COMMON (Continued) 8500054 Florida 302	Adder	Adena	Norak	Pony	Leif	Bighorn	2551
CERT.	WHEAT, COMMOI 8500054	8500062 Adder	8500096	8500105 Norak	8500107 Pony	8500108 Leif	8500109 Bighorn	8500112

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INDEX TO CERTIFICATES ISSUED IN 1988

8600010 9323 04/29/88 Northrup King Co.	EAT. VAR.  NO.  EAT. COMMON (Contine 8500181 TAM 107  8500182 TAM 108  8500197 Victory  8500199 Thundert  8500200 Hillsda'  8500203 Milburn  8600009 9227	CERT.         VARIETY           NO.         Continued)           8500181         TAM 107           8500182         TAM 108           8500197         Victory           8500199         Thunderbird           8500200         Hillsdale           8500203         Milburn           8600009         9227	(\$) (3) (3) (2)	15SUE DATE 10/31/88 10/31/88 04/29/88 04/29/88 10/31/88 08/31/88	(*)  10/31/88 Texas Agricultural Experiment Station 10/31/88 Texas Agricultural Experiment Station 10/31/88 Texas Agricultural Experiment Station (3) 04/29/88 Nickerson American Plant Breeders, Inc. (3) 04/29/88 Nickerson American Plant Breeders, Inc. (3) 04/29/88 Nickerson American Plant Breeders, Inc. (2) 10/31/88 Michigan State University 08/31/88 Harpool Seed Inc. 05/31/88 Northrup King Co.
		9323		04/29/88	Northrup King Co.

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GEN. ISSUE OWNER (*) DATE	(3) 06/30/88 Nickerson American Plant Breeders, Inc.	(2) 07/29/88 Cornell University Agricultural Experiment Station	07/29/88 Northrup King Co.	(2) 09/30/88 Ohio State University, Ohio Agricultural Research and Development Center	(2) 09/30/88 The Ohio State University Research Foundation	07/29/88 Pioneer Hi-Bred International, Inc.	07/29/88 Pioneer Hi-Bred International, Inc.	07/29/88 Pioneer Hi-Bred International, Inc.
VARIETY	WHEAT, COMMON (Continued) 8600080 Celtic	8600103 Geneva	6 775	2 Becker	8600153 GR 855	0 2154	1 2555	8700029 2385
CERT.	WHEAT, COMM 8600080	8600103	8600126	8600152	8600153	8700010	8700011	8700029 2385

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	(3) 08/31/88 Nickerson American Plant Breeders, Inc.	(3) 08/31/88 Nickerson American Plant Breeders Inc.	Nickerson American Plant Breeders, Inc.	Nickerson American Plant Breeders, Inc.	Nickerson American Plant Breeders, Inc.	The Ohio State University, Ohio Agricultural Research and Development Center	Nickerson American Plant Breeders, Inc.	Nickerson American Plant Breeders, Inc.	•0
OWNER	Nickerson Ameri	Nickerson Ameri		Nickerson Ameri				Nickerson Ameri	12/30/88 Northrup King Co.
ISSUE	08/31/88	08/31/88	(3) 08/31/88	(3) 08/31/88	(3) 08/31/88	(3) 11/30/88	12/30/88	12/30/88	12/30/88
GEN. (*)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	
VARIETY	WHEAT, COMMON (Continued) 8700032 Lincoln	Twain	Trailblazer	Nordic	8700043 Telemark	8700146 Cardinal	Abilene	Mesa	8800005 Coker 833
CERT. NO.	WHEAT, COMMO 8700032	8700033 Twain	8700034	8700042	8700043	8700146	8700200	8700201	8800005

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OWNER	(*) 05/31/88 Western Plant Breeders, Inc.	(*) 08/31/88 Western Plant Breeders, Inc.	(3) 10/31/88 Nickerson American Plant Breeders, Inc.	(3) 10/31/88 Nickerson American Plant Breeders, Inc.
GEN. ISSUE (*) DATE	05/31/8	08/31/8	10/31/8	10/31/8
(*)			(3)	(3)
VARIETY	WestBred Tur	8500218 WestBred Laker	3700091 Stockholm	Fjord
CERT.	WHEAT, DURUM 8500217 WestBred Turbo	8500218	8700091	8700092 Fjord

<sup>(\*)</sup> To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.

## General Information

## Plant Variety Protection Fee to be Increased

Effective April 20, 1989, the fee for issuing a plant variety protection certificate will increase from \$2,000 to \$2,400.

The increases are from \$200 to \$250 for the application, from \$1,600 to \$1,900 for the search, and from \$200 to \$250 for processing the certificate when it is issued.

See the March 21, 1989, issue of  $\underline{\text{The Federal Register}}$  for further details.



UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
PLANT VARIETY PROTECTION OFFICE
NAL BUILDING, ROOM 500
10301 BALTIMORE BLVD.
BELTSVILLE, MARYLAND 20705-2351

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